3009

# R/V DAN MOORE STATION LOG

| VESSEL (1) | STATION (2-5) | CRUISE NO. (6-8) | MO. (9-14) | DAY | YEAR | GRID (15-17) | LATITUDE (18-21) | LONGITUDE (22-25) |
|---|---|---|---|---|---|---|---|---|
| M | 3009 | 038 | 03 | 30 | 76 | 27BD | 3728 | 7535 |

| DEPTH (26-29) | SUR. TEMP. (30-31) | BTM TEMP. (32-33) | AIR TEMP (34-35) | BAROMETER (36-38) | BT (39) | WIND DIR. (40-41) | WIND SPD. (42-43) |
|---|---|---|---|---|---|---|---|
| 0007 | 11 | 11 | 13 | 023 | Y | E | 09 |

| S.C. (44) | WEA. (45-46) | BTM TYPE (47-48) | BTM REG (49) | GEAR TYPE (50-51) | GEAR SIZE (52-54) | OP (55) | TM. START (56-57) | MIN. FISHED (58-60) |
|---|---|---|---|---|---|---|---|---|
| 1 | OC | SA | E | FT | 151 | — | 11 | 030 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| 01 | 00054 | — | — | 00001 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| — | — | — | — | — |

| POSITION | LATITUDE | LONGITUDE | LORAN | | DEPTH fms | C/C | TIME ON STATION | |
|---|---|---|---|---|---|---|---|---|
| | | | 3H4 | 3H5 | | | PO | DO |
| START | 37° 28′ | 75° 35′ | 2435 | 3104 | 7 | | 1124 | 1125 |
| | | | | | | | PU | ON |
| FINISH | 37° 29′ | 75° 34′ | 2455 | 3104 | 6 | | 1155 | 1159 |

| LENGTH WARP | SHAFT RPM | PITCH | GEAR DATA: |
|---|---|---|---|
| 50 | 1200 2 / 5 | 50 | |

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

25 Blueback herring

2 Alewife

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27BD

# R/V DAN MOORE SPECIES LIST

STA. NO. 3009 DATE 3/30 19 76 BIOLOGISTS BFH JVSGR

TOT. CATCH WT. 54.7 AIR 13 SURFACE 11.2 BOTTOM 10.7

SAMPLE WT. 54.7 RAISING FACTOR 0

| | | SUBSAMPLE | | TOTAL | | | |
|---|---|---|---|---|---|---|---|
| SPECIES | C or NC | NUMBER | WEIGHT | NO. | WT. | $\bar{X}$ WT | REMARKS |
| Pomatomus saltatrix | C | | | 7 | 38 | 5.4 | |
| Alosa aestivalis | | | | 25 | 7 | 0.3 | |
| Peprilus triacanthus | NC | | | 93 | 9 | 0.1 | |
| Anchoa hepsetus | | | | numerous in wt & cnt | | | |
| Loligo pealei | | | | 2 | 0.5 | 0.3 | |
| Alosa pseudoharengus | | | | 2 | 0.1 | <0.1 | |
| Menticirrus littoralis | | | | 1 | 0.1 | 0.1 | |

# LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *ALOSA AESTIVALIS*

DATE: 3/30/76

STATION: 3009

LOCALITY: 27BD

| T. L. | ♂ | ♀ | Unk |
|---|---|---|---|
| 50-59.9 | | | |
| 60- | | | |
| 70- | | | |
| 80- | | | 1 |
| 90- | | | 2 |
| 100- | | | |
| 110- | | | |
| 120- | | | |
| 130- | | | |
| 140- | | | |
| 150- | | | |
| 160- | 1 | 1 | |
| 170- | 1 | 1 | |
| 180- | 1 | 1 | |
| 190- | | 1 | |
| 200- | | | |
| 210- | | | |
| 220- | 1 | 1 | |
| 230- | 4 | | |
| 240- | 1 | 1 | |
| 250- | 1 | 4 | |
| 260- | | | |
| 270- | | 1 | |
| 280- | | | |
| 290- | | | |
| 300- | | | |
| 310- | | | |
| 320- | | | |
| 330- | | | |
| 340- | | | |
| 350- | | | |
| 360- | | | |
| 370 | | | |
| 380- | | | |
| 390- | | | |
| 400- | | | |
| 410- | | | |
| 420- | | | |
| 430- | | | |
| 440- | | | |
| 450- | | | |
| 460- | | | |
| 470- | | | |
| 480- | | | |
| 490- | | | |
| 500- | | | |
| 510- | | | |
| 520 | | | |
| 530- | | | |
| 540- | | | |

| T. L. | ♂ | ♀ | Unk |
|---|---|---|---|
| 550- | | | |
| 560- | | | |
| 570- | | | |
| 580- | | | |
| 590- | | | |
| 600- | | | |
| 610- | | | |
| 620- | | | |
| 630- | | | |
| 640- | | | |
| 650- | | | |
| 660- | | | |
| 670- | | | |
| 680- | | | |
| 690- | | | |
| 700- | | | |
| TOTAL | 10 | 11 | 3 |

N = 24

Range ♂ 166-252

♀ 163-271

Unk 88-95

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: ALOSA PSEUDOHARENGUS

STATION: 3009

DATE: 3/30/76

LOCALITY: 27BD

| T. L. | ♂ | ♀ | Unk. | T. L. | ♂ | ♀ | Unk. |
|---|---|---|---|---|---|---|---|
| 50-59.9 | | | | 550- | | | |
| 60- | | | | 560- | | | |
| 70- | | | | 570- | | | |
| 80- | | | | 580- | | | |
| 90- | | | | 590- | | | |
| 100- | | 1 | | 600- | | | |
| 110- | 1 | | | 610- | | | |
| 120- | | | | 620- | | | |
| 130- | | | | 630- | | | |
| 140- | | | | 640- | | | |
| 150- | | | | 650- | | | |
| 160- | | | | 660- | | | |
| 170- | | | | 670- | | | |
| 180- | | | | 680- | | | |
| 190- | | | | 690- | | | |
| 200- | | | | 700- | | | |
| 210- | | | | | | | |
| 220- | | | | | | | |
| 230- | | | | TOTAL | 1 | 1 | |
| 240- | | | | | | | |
| 250- | | | | | | | |
| 260- | | | | | | | |
| 270- | | | | | N = 2 | | |
| 280- | | | | | | | |
| 290- | | | | | | | |
| 300- | | | | | Range ♂ | | 113 |
| 310- | | | | | | | |
| 320- | | | | | | ♀ | 108 |
| 330- | | | | | | | |
| 340- | | | | | | | |
| 350- | | | | | | | |
| 360- | | | | | | | |
| 370 | | | | | | | |
| 380- | | | | | | | |
| 390- | | | | | | | |
| 400- | | | | | | | |
| 410- | | | | | | | |
| 420- | | | | | | | |
| 430- | | | | | | | |
| 440- | | | | | | | |
| 450- | | | | 1 | | | |
| 460- | | | | | | | |
| 470- | | | | | | | |
| 480- | | | | | | | |
| 490- | | | | | | | |
| 500- | | | | | | | |
| 510- | | | | | | | |
| 520 | | | | | | | |
| 530- | | | | | | | |
| 540- | | | | | | | |

PAGE ___ OF ___

Species: [illegible]

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Scale-cards | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1801 | 250 | ♂ | | | | | | | 3008 | |
| 2 | 92 | UNK | | | | | | IM | | |
| 3 | 84 | UNK | | | | | | IM | | |
| 4 | 195 | ♀ | | | | | | I | 3009 | |
| 5 | 242 | ♀ | | | | | | III | | |
| 6 | 256 | ♀ | | | | | | III | | |
| 7 | 254 | ♀ | | | | | | III | | |
| 8 | 227 | ♀ | | | | | | III | | |
| 9 | 223 | ♂ | | | | | | | | |
| 10 | 234 | ♂ | | | | | | | | |
| 11 | 253 | ♀ | | | | | | III | | |
| 12 | 238 | ♂ | | | | | | | | |
| 13 | 236 | ♂ | | | | | | | | |
| 14 | 271 | ♀ | | | | | | III | | |
| 15 | 252 | ♂ | | | | | | | | |
| 16 | 242 | ♂ | | | | | | | | |
| 17 | 258 | ♀ | | | | | | III | | |
| 18 | 233 | ♂ | | | | | | | | |
| 19 | 182 | ♂ | | | | | | IM | | |
| 20 | 171 | ♂ | | | | | | IM | | |
| 21 | 180 | ♀ | | | | | | IM | | |
| 22 | 174 | ♀ | | | | | | IM | | |
| 23 | 166 | ♂ | | | | | | IM | | |
| 24 | 163 | ♀ | | | | | | IM | | |
| 25 | 95 | UNK | | | | | | IM | | |
| 26 | 88 | UNK | | | | | | IM | | |
| 27 | 92 | UNK | | | | | | IM | | |
| 28 | 235 | ♂ | | | | | | | 3010 | |
| 29 | 175 | ♀ | | | | | | IM | | |
| 30 | 186 | ♀ | | | | | | IM | | |
| 31 | 170 | ♀ | | | | | | IM | | |
| 32 | 165 | ♀ | | | | | | IM | | |
| 33 | 175 | ♀ | | | | | | IM | | |
| 34 | 185 | ♀ | | | | | | IM | | |
| 35 | 164 | ♂ | | | | | | IM | | |
| 36 | 180 | ♂ | | | | | | IM | | |
| 37 | 174 | ♂ | | | | | | IM | | |
| 38 | 105 | UNK | | | | | | IM | | |
| 39 | 100 | UNK | | | | | | IM | | |
| 40 | | | | | | | | | | |
| 41 | | | | | | | | | | |
| 42 | | | | | | | | | | |
| 43 | | | | | | | | | | |
| 44 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 46 | | | | | | | | | | |
| 47 | | | | | | | | | | |
| 48 | | | | | | | | | | |
| 49 | | | | | | | | | | |
| 50 | | | | | | | | | | |

Species: Hoya pulcherrima — MARCH 76

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Stomachs | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 104 | ♂ | | | | | | IM | 3001 | |
| 36 | 115 | ♀ | | | | | | IM | | |
| 37 | 116 | ♀ | | | | | | IM | | |
| 38 | 107 | ♂ | | | | | | IM | | |
| 39 | 81 | ♂ | | | | | | IM | 3002 | |
| 40 | 104 | ♂ | | | | | | IM | | |
| 41 | 123 | ♂ | | | | | | IM | | |
| 42 | 105 | ♀ | | | | | | IM | | |
| 43 | 110 | ♀ | | | | | | IM | | |
| 44 | 126 | ♀ | | | | | | IM | | |
| 45 | 122 | ♀ | | | | | | IM | | |
| 46 | 113 | ♀ | | | | | | IM | | |
| 47 | 113 | ♂ | | | | | | IM | 3009 | |
| 48 | 108 | ♀ | | | | | | IM | | |
| 49 | 123 | ♂ | | | | | | IM | 3010 | |

3009